

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026009**Date Inspected:** 30-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China**CWI Name:** Mr. Liu Huajie**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Blast shop #2**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance (QA) Inspector Raghavendra Reddy was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

This QA Inspector observed the following work in progress:

BLAST SHOP 2.

Visual Inspection after Blast at OBG Segment 14 West.

This Quality Assurance (QA) Inspector performed random visual inspection of OBG Segment 14 West External side, Deck panel, Side Panel and Edge panel weld joints & base Metal after grit blasting. Areas that marked for repair were recorded for future repair. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel. For more information see below mentioned Punch list item.

Item:-1

In between PP125 and PP127 cross beam side, total four (4) areas temporary attachment area need to be repair on the Deck Plate (DP3183A).

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Item:-2

In between PP126.5 and PP127.5 cross beam side, one base metal gouge and one temporary attachment was not removed on the Deck Plate (DP3177A). Areas were taped prior to blast and paint.

Item:-3

In between PP127.5 and PP128.3 cross beam side, three (3) foreign metal inclusion observed on the Deck Plate (DP3176A). Areas were taped prior to blast and paint.

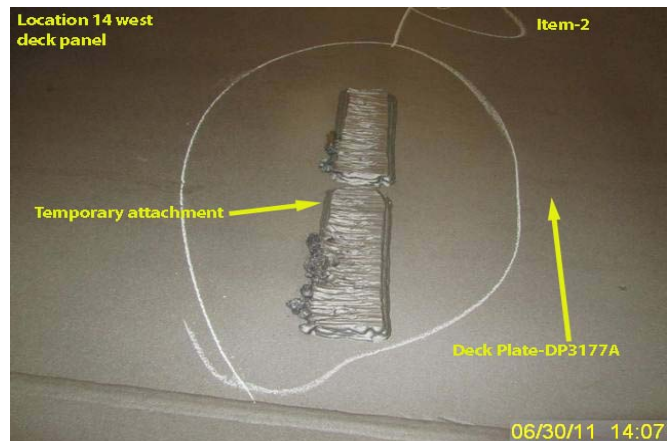
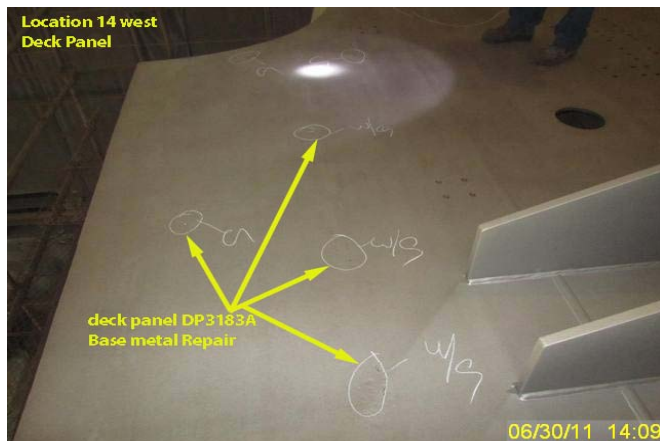
Item:-4

In between PP126 and PP126.5, one base metal gouge was visibly observed on the Deck Plate (DP3174A).

Item:-5

In between PP125 and PP126, one (1) area temporary attachment area need to be repair on the Deck Plate (DP3173A).

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.



WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Tharikoppada,Reddy
----------------------	--------------------

Quality Assurance Inspector

Reviewed By:	Miller,Mark
---------------------	-------------

QA Reviewer
